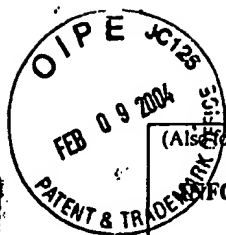


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|--|--|--|---|-----------------------------------|-----------------------------------|
| INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary) | | Docket Number: 1023-337US01 | | Application Number: 09/932,957 | |
| | | Applicant: Samuel J. Brewer | | | |
| | | Filing Date: August 21, 2001 | | Group Art Unit: 2681 | |
| | | Examiner Name: Unknown | | | |
| U.S. PATENT DOCUMENTS | | | | | |
| Examiner Initial | Document Number | Issue/Document Publication Date | Name | | Filing Date If Appropriate |
| ASM | 4,735,204 | 04/05/1988 | Sussman et al. | | |
| | 4,784,142 | 11/15/1988 | Liss et al. | | |
| | 4,803,988 | 02/14/1989 | Thomson | | |
| | 4,813,418 | 03/21/1989 | Harris | | |
| | 4,977,895 | 12/18/1990 | Tannenbaum | | |
| | 5,002,053 | 03/26/1991 | Garcia-Rill et al. | | |
| | 5,014,705 | 05/14/1991 | Graupe et al. | | |
| | 5,052,391 | 10/01/1991 | Silberstone et al. | | |
| | 5,081,989 | 01/21/1992 | Graupe et al. | | |
| | 5,092,329 | 03/03/1992 | Graupe et al. | | |
| | 5,117,826 | 06/02/1992 | Bartelt et al. | | |
| | 5,143,089 | 09/01/1992 | Alt | | |
| ASM | 5,215,086 | 06/01/1993 | Terry, Jr. et al. | | |
| FOREIGN PATENT DOCUMENTS | | | | | |
| Examiner Initial | Document Number | Publication Date | Country | Translation | |
| | | | | Yes | No |
| | | | | | |
| OTHER DOCUMENTS (Including Authors, Title of Item, Page(s), Vol/Issue No., Publisher, Place of Publication) | | | | | |
| ASM | North et al., "Spinal cord stimulation for chronic intractable pain," Spinal Cord Stimulation II, pp. 49-63, Darmstadt, Steinkopff, 1995. | | | | |
| | North et al., "Artificial Neural Networks: Application to Electrical Stimulation of the Nervous System," (abstract) Stereotactic and Functional Neurosurgery 65:161, 1995. | | | | |
| | North et al., "Artificial Neural Networks: application to electrical stimulation of the human nervous system," Neurosurgical Focus 2(1:1):1-5, 1997. | | | | |
| | North et al., "Patient-Interactive, Microprocessor-Controlled Neurological Stimulation System," Neuromodulation 1(4):185-193, 1998. | | | | |
| ASM | Fowler, K.R., "Neurological Stimulation System", Proceedings AAMI 21 st Annual Meeting, Apr. 12-16, 1986, p.27. | | | | |
| EXAMINER /Aung S. Moe/ | | | Date Considered 07/24/2006 | | |
| <small>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small> | | | | | |
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(Also Form PTO-1449) Form 1449*

**INFORMATION DISCLOSURE
STATEMENT****IN AN APPLICATION**

(Use several sheets if necessary)

Docket Number:

1023-337US01

Application Number:

09/932,957

Applicant:

Samuel J. Brewer

Filing Date:

August 21, 2001

Group Art Unit:

2681

Examiner Name:

Unknown

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U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Issue/Document Publication Date | Name | Filing Date If Appropriate |
|------------------|-----------------|---------------------------------|-------------------|----------------------------|
| ASM | 5,314,458 | 05/24/1994 | Najafi et al. | |
| ↓ | 5,330,515 | 07/19/1994 | Rutecki et al. | |
| | 5,335,657 | 08/09/1994 | Terry, Jr. et al. | |
| | 5,354,320 | 10/11/1994 | Schaldach et al. | |
| | 5,370,672 | 12/06/1994 | Fowler et al. | |
| | 5,387,231 | 02/07/1995 | Sporer | |
| | 5,417,719 | 05/23/1995 | Hull et al. | |
| | 5,423,877 | 06/13/1995 | Mackey | |
| | 5,443,486 | 08/22/1995 | Hrdlicka et al. | |
| | 5,458,625 | 10/17/1995 | Kendall | |
| ↓ | 5,458,626 | 10/17/1995 | Krause | |
| | 5,466,246 | 11/14/1995 | Silvian | |
| ASM | 5,540,730 | 07/30/1996 | Terry, Jr. et al. | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Publication Date | Country | Translation | |
|------------------|-----------------|------------------|---------|-------------|----|
| | | | | Yes | No |
| | | | | | |
| | | | | | |

OTHER DOCUMENTS (Including Authors, Title of Item, Page(s), Vol/Issue No., Publisher, Place of Publication)

| | |
|-----|---|
| ASM | North et al., "Spinal Cord Stimulation for Chronic, Intractable Pain: Experience over Two Decades Clinical Study," Neurosurgery, vol. 32, no. 3, pp. 384-395, 1993. |
| ↓ | North et al., "Spinal cord stimulation for chronic, intractable pain: superiority of 'multi-channel' devices," Pain, V44, 1991, pp. 119-130. |
| | North et al., "Spinal Cord Stimulation for Chronic Pain," Functional Neurosurgery, vol. 6, no. 1, January, 1995, pp. 145-155. |
| ↓ | North, R.B., "Spinal Cord Stimulation for Chronic, Intractable Pain," Electrical and Magnetic Stimulation of the Brain and Spinal Cord, 1993, pp. 289-301. |
| ASM | North, R.B., "The Role of Spinal Cord Stimulation in Contemporary Pain Management," APS Journal, vol. 2, No. 2, 1993, pp. 91-99. |

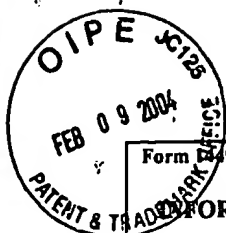
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| | | | | |
|---|--|--|--|--|
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| | Applicant: Samuel J. Brewer | | | |
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Technology Center 2600
U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Issue/Document Publication Date | Name | Filing Date If Appropriate |
|------------------|-----------------|---------------------------------|-------------------|----------------------------|
| ASM | 5,569,166 | 10/29/1996 | Stone | |
| ↓ | 5,643,329 | 07/01/1997 | Solomonow et al. | |
| | 5,643,330 | 07/01/1997 | Holsheimer et al. | |
| | 5,702,429 | 12/30/1997 | King | |
| | 5,716,377 | 02/10/1998 | Rise et al. | |
| | 5,725,564 | 03/10/1998 | Freed et al. | |
| | 5,843,139 | 12/01/1998 | Goedeke et al. | |
| ↓ | 5,938,690 | 08/17/1999 | Law et al. | |
| | 6,308,102 B1 | 10/23/2001 | Sieracki et al. | |
| ASM | 6,654,642 B2 | 11/25/2002 | North et al. | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Publication Date | Country | Translation | |
|------------------|-----------------|------------------|---------|-------------|----|
| | | | | Yes | No |
| | | | | | |
| | | | | | |

OTHER DOCUMENTS (Including Authors, Title of Item, Page(s), Vol/Issue No., Publisher, Place of Publication)

| | |
|-----|---|
| ASM | Alo et al., "Computer Assisted and Patient Interactive Programming of Dual Octrode Spinal Cord Stimulation in the Treatment of Chronic Pain," Neuromodulation, vol. 1, No. 1, 1998 pp. 30-45. |
| ↓ | Fowler et al., "Patient-interactive PC interface to implanted, multichannel stimulators," Proceedings of 39 th Annual Conference on Engineering in Medicine and Biology, p. 380, 1986. |
| | North et al., "Computer-Controlled, Patient-Interactive, Multichannel, Implanted Neurological Stimulators," Applied Neurophysiology 50:39-41, 1987. |
| ↓ | North et al., Computer-controlled, multichannel, implanted neurological stimulation system: Clinical assessment," Pain (Suppl.) 5:S83, 1990. |
| ASM | Fowler et al., "Computer-Optimized Neurological Stimulation," Proc. Ann. Internat. Conf. IEEE Engineering Medicine and Biology Soc., vol. 13, no. 4, pp. 1692-1693, 1991. |

EXAMINER

/Aung S. Moe/

Date Considered

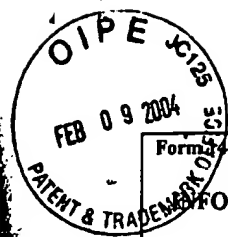
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| U.S. PATENT DOCUMENTS Technology Center 2600 | | | | | |
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| | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | |
| Examiner Initial | Document Number | Publication Date | Country | | Translation Yes No |
| | | | | | |
| OTHER DOCUMENTS (Including Authors, Title of Item, Page(s), Vol/Issue No., Publisher, Place of Publication) | | | | | |
| ASM | Fowler et al., "Computer-Optimized Neurostimulation," APL Technical Digest vol. 12, no. 2, pp. 192-197, 1991. | | | | |
| | North et al., "Patient-interactive, computer-controlled neurological stimulation system: clinical efficacy in spinal cord stimulator adjustment." Journal of Neurosurgery 76:967-972, 1992. | | | | |
| | North et al., "Automated 'pain drawing' analysis by computer-controlled, patient-interactive neurological stimulation system," Pain 50:51-57, 1992. | | | | |
| | North et al., "Computer-controlled, patient-interactive neurological stimulation system," (Abstract) Acta Neurochir 117:90, 1992. | | | | |
| | North et al., "Patient-Interactive, Microprocessor-Controlled Neurological Stimulation System," (Abstract), Stereotactic and Functional Neurosurgery 62:309-315, 1994. | | | | |
| | North et al., "Consensus Conference on the Neurosurgical Management of Pain," Neurosurgery 34:4, 756-761, 1994. | | | | |
| | North et al., "A Prospective, Randomized Study of Spinal Cord Stimulation versus Reoperation for Failed Back Surgery Syndrome: Initial Results," Stereotact Funct Neurosurg 1994:62:267-272. | | | | |
| | North et al., "Prognostic Value of Psychological Testing in Patients Undergoing Spinal Cord Stimulation: A Prospective Study," Neurosurgery, Vol. 39, No. 2, 1996. | | | | |
| | North et al., "Specificity of diagnostic nerve blocks: a prospective, randomized study of sciatica due to lumbosacral spine disease," Pain, 65, pp. 77-85, 1996. | | | | |
| | North et al., "Automated, Patient-Interactive, Spinal Cord Stimulator Adjustment: A Randomized Controlled Trial," Neurosurgery 52:572-580, 2003. | | | | |
| ASM | Khalessi et al., "Automated, patient-interactive spinal cord stimulator adjustment: A cost-minimization analysis," Neurosurgery, vol. 53, no. 2, pp. 501-502, 2003. | | | | |
| EXAMINER /Aung S. Moe/ | | | Date Considered 07/24/2006 | | |

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